

Notice of Allowability

Application No.

09/666,485

Applicant(s)

TEZUKA ET AL.

Examiner

Oanh Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/22/2005.
2. ☒ The allowed claim(s) is/are 1 and 3-8.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 02/22/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 08/22/2005 has been entered.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 08/22/2005 was filed after the mailing date of the Notice of Allowability on 04/26/2005. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

The invention as claimed, the claim 1 includes a limitation based upon first conversion means (such as policy administration function PAF 110 in Fig. 3) includes policy disassembling means (such as POLICY DISASSEMBLING UNIT 111 in Fig 3) for disassembling the abstracted policy information extracting the action parameters and outputting the action parameters; conversion-rule storage means (such as storage unit 113 in Fig. 3) for storing conversion rules used when the action parameters are converted to network-technology-dependent parameters; and conversion means (such as Technology-dependent rule handler 112, Fig. 3) for selecting a conversion rule conforming to a network technology and automatically converting the action parameters (such as a requested bandwidth, a monitor request, a duplex switching request) to network -technology –dependent parameters (parameters dependent upon the network such as ATM, SDH, FR, IP) using the selected conversion rule. While a communication network system for converting parameters is firmly documented by the cited prior art, the first conversion means (such as policy administration function PAF 110 in Fig. 3) includes policy disassembling means (such as POLICY DISASSEMBLING UNIT 111 in Fig 3) for disassembling the abstracted policy information extracting the action parameters and outputting the action parameters; conversion-rule storage means (such as storage unit 113 in Fig. 3) for storing conversion rules used when the action parameters are converted to network-technology-dependent parameters; and conversion means (such as Technology-dependent rule handler 112, Fig. 3) for selecting a conversion rule conforming to a network technology and automatically converting the action parameters (such as a requested bandwidth, a monitor request, a

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duplex switching request) to network -technology –dependent parameters (parameters dependent upon the network such as ATM, SDH, FR, IP, for example) using the selected conversion rule limitations are novel and the invention is patentable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

EXAMINER’S AMENDMENT

4. An examiner’s amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

The title of the invention is changed to: **“Communication Network Management System for Automatically Converting Action Parameters to Network Technology Dependent Parameters using a Selected Conversion Rule Conforming to a Network Technology”**.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday- Friday, 2:00PM - 10:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

O.D
September 5, 2005


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER